What is claimed is:

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- Claim 1. In a gobo for projecting a pattern in several colors wherein the color-separated and rastered single-color components of the pattern are each reproduced in the gobo in a dichroic surface-coating corresponding to respective colors and disposed on a transparent substrate comprising a plurality of mutually superimposed disc-shaped and transparent substrates, each substrate having disposed thereon a dichroic surface-coating for forming a color filter; whereby combinations of the color filters are capable of reproducing the colors of the multi-color pattern; and that respective color-emitting surface coatings present a pattern that coincides with the pattern for corresponding color components in the multi-color pattern, said gobo further including a substrate that has a total-blocking surface coating in a pattern corresponding to the contrast of the multi-color pattern; and in that each substrate has a surface coating on only one side of the substrate;
 - the improvement comprising: each of the plurality of substrates bonded over the entirety of every surface contiguous to another facing substrate,

whereby the gobo is an integrally bonded structure.

- Claim 2. A gobo according to claim 1 wherein at least one of the disc-shaped substrates has a thickness of less than 0.2 mm.
 - Claim 3. A gobo according to claim 1 wherein the distance between the first and the last pattern-emitting plane in the gobo is less than about 1 mm.
- 25 Claim 4. A gobo according to claim 1 wherein said gobo includes a first substrate that has material thickness of about 1 mm and a total-blocking coating that presents the pattern of the contrast and that disposed on the first substrate are further substrates each of which has a material thickness of about 0.1 mm and a surface coating that reflects a determined light wavelength interval and that the light wavelength interval corresponds to the light wavelength of the complementary colors to those color into which thy multi-

color pattern is separated; and that the surface coatings each present a respective single-color pattern.

- Claim 5. A gobo according to claim 1 wherein there is deposited on the transparent disc-shaped substrate with the aid of vacuum vaporization technique a dichroic surface-coating which includes alternative layers of high and low refractive index, resulting in reflection of incident light of a determined wavelength interval and the transmissi0on of other incident wavelength, such as to form a color filter.
- Claim 6. A gobo according to claim 1 wherein the first layer closest to the substrate has a higher reflective index than the second layer in the dichroic layer; has an optical thickness corresponding to a quarter of the wavelength of the color to be reflected; and in that last deposited layer in the surface-coating has an optical thickness corresponding to half the wavelength of the color to be reflected.

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Claim 7. A gobo according to claim 1 wherein the dichroic layers of higher refractive index have a refractive index greater than 2; in that the dichroic layers of lower refractive index have a refractive index below 1.6; in that the dichroic layers include quartz and titanium dioxide respectively; and in that the dichroic coating includes more than ten layers.

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Claim 8. A gobo according to claim 1 wherein the bonding is provided by a glue comprising a polymerizable material having an as-applied viscosity of about 30,000 cps or less.

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Claim 9. A gobo according to claim 1 wherein the bonding is provided by a glue comprising a polymerizable material having an as-applied viscosity of about 1,000 cps

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- Claim 10. A gobo according to claim 8 wherein the polymerizable material is a single-part silicone polymerizable by reaction with the moisture in the ambient air.
- Claim 11. A gobo according to claim 9 wherein the polymerizable material is a twopart silicone polymerizable by an oxime reaction.
 - Claim 12. A gobo according to claim 10 wherein the polymerizable material is non-thixotropic.
- 10 Claim 13. A gobo according to claim 11 wherein the polymerizable material is non-thixotropic.
 - Claim 14. A method of making an integrally bonded gobo comprising the steps of:
 - i) providing a blocking substrate and holding it in a fixture;
 - ii) applying a measured dose of a polymerizable material to said blocking substrate to form a continuous interlayer;
 - superimposing one of a plurality of disc-shaped, transparent substrates each having a pattern thereon on said blocking substrate;
 - iv) adjusting said one transparent substrate to align said pattern;
 - v) polymerizing said polymerizable material; and

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vi) repeating steps ii) – v) to superimpose and glue all said plurality of substrates: whereby said plurality of mutually superimposed disc-shaped and transparent substrates is bonded to each other and to said blocking substrate to form an integrally bonded gobo.

Claim 15. The method of Claim 14 wherein the polymerizable material is a two-part silicone glue having an initial viscosity of about 1,000 cps polymerizing by an oxime reaction.

- Claim 16. The method of Claim 14 wherein the polymerizable material is a single-part silicone glue having an initial viscosity of about 30,000 cps polymerizing by a reaction with the moisture in the ambient atmosphere.
- 5 Claim 17. The method of Claim 15 wherein the polymerizable material is non-thixotropic.
 - Claim 18. The method of Claim 16 wherein the polymerizable material is non-thixotropic..